

## GE VCT 64 SLICE PROTOCOLS

Protocol Name:		TEMPORAL BONES ROUTINE ADULT	
INDICATIONS:	Evaluation of patient for hearing loss, choleostoma or mastoiditis.	LABEL:	Scout*
IV CONTRAST:	100cc nonionic contrast. 2cc/sec, 22ga or better IV	Temp*, Cor* Sag*	
ORAL CONTRAST:	None	RECON 1:	.625mm thick / 0.5 interval. Bone plus recon at 4000ww/600wl.
PATIENT POSITIONING AND SCAN AREA:	Removable dental work needs to be removed. Patient supine, head first. Head as straight as possible in head holder. Landmark at base of skull. Cuts taken from the anterior margins of the external canal thru the semi-circular canals. No gantry angle.	RECON 2:	2.5 mm thick / 2.5 mm interval. Std recon 400ww/40wl.
GENERAL EXAM GUIDELINES:	.625 x 5 mm axial images. Axial and coronal	ADDITIONAL POST PROCESSING:	Small FOV axial bilaterally (set up when scanning) then do coronal for each side at .625x.5 in bone windows.
TRIGGER OR CONTRAST DELAY:		SEND EXAM:	Send scout, axials, and sag and cor images to pacs.
TECHNIQUE GUIDELINES:	140 kvp. 200 MA at 0.6 rotation.	ARCHIVE:	
		BILL AS:	Usually Temporal Bones Un (En if Mastoiditis)

### SCOUT PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	kV	mA	Scout Plane	Voice Lights Timer
Scout	S150.00	I150.00	140	10	90 and 180	N
	Diaphragm	Pubis				

### AXIAL IMAGE PROTOCOL SET IN SCANNER

Scan Type	Start Loc	End Loc	Thick Speed	Interval (mm)	Gantry Tilt	SFOV	kv	ma	DFOV	Show Recon1	Show Recon2	Show Recon3	Direct Vis
Helical Full 0.6 sec rotation	S0.0	S140.0	0.625 10.62 0.531:1	0.5	S0.0	Head	140	200 26.52  Auto ma on  DR 40%	20.0	0.625mm Bone+  4000ww  600wl For recons  SS50	2.5mm Std  400w 40wl  Send to Pacs  SS40	1.25m Edge  3500w 400l  SS40	